

Appl. No. 10/716,157  
Amendment B  
In Reply to FINAL Office Action mailed Feb. 27, 2007

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A system comprising:
  - a plurality of audio modules,
  - at least one module including at least one audio output transducer and at least one audio input transducer;
  - a common control unit in communication with the plurality of modules;
  - an output device coupled to the control unit, the control unit presents at least audio information received at various of the modules, via the output device, with the presented audio indicative of the presence of individuals or selected environmental conditions in the vicinity of the respective module; and
  - which includes at least one of circuitry or software to automatically analyze audio received at the control unit with respect to at least one fire signature, to establish if an alarm condition is present in the vicinity of at least one of the modules.
2. (Original) A system as in claim 1 which includes an audio input device, at the control unit for transmitting audio messages to be output by transducers in at least some of the audio modules.

3-5 (Canceled)

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6. (Currently Amended) A system as in claim [[4]] 1 which includes at least one of circuitry or software to identify each of the audio input transducers.

7. (Currently Amended) A system as in claim [[4]] 1 which includes at least one of circuitry or software to filter fire related noise if combined with voice.

8. (Currently Amended) A system as in claim [[4]] 1 which includes speech recognition software for processing received audio.

9. (Original) A system as in claim 1 where at least some of the modules include thermal sensors.

10. (Original) A system as in claim 9 including software for processing thermal related signals received from at least some of the thermal sensors.

11. (Previously presented) A method of monitoring a region comprising:  
sensing audio signals from spaced apart locations in the region;  
automatically analyzing the sensed audio signals and responsive to recognizing an audio fire signature, displaying locations of origination therefore.

12-13 (Canceled)

14. (Previously Presented) A method as in claim 11 which includes recognizing sounds of individuals at one or more locations in the regions.

15. (Canceled)

16. (Original) A method as in claim 11 which includes suppressing fire

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sounds from at least some of the sensed audio signals in order to more effectively recognize other sources of sound.

17-24 (Canceled)

25. (Previously Presented) A system comprising:
  - a plurality of audio input transducers;
  - at least one audio output transducer;
  - a control unit in communication with the output transducer and the plurality of input transducers;
  - a user interface device coupled to the control unit;
  - the control unit presents at least location related audio information, received at various input transducers, via the interface device with the presented audio indicative of the presence of individuals or certain environmental conditions in the vicinity of the respective module; and
  - where the control unit analyzes and evaluates received audio with respect to at least one fire signature.

26. (Canceled)

27. (Original) A system as in claim 25 where the control unit uniquely identifies each of the audio input transducers.

28. (Original) A system as in claim 25 where the control unit suppresses fire sounds in order to more effectively detect human voice.

29. (Original) A system as in claim 25 which includes speech recognition

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software for processing received audio.

30-33 (Canceled)